

ALINCO

440MHz FM HANDI-TRANSCIVER

DJ-S40T

What Do You Expect From a Pager-Size Rig?

The new DJ-S40T 440MHz mono-band HT is small enough to fit in a pocket, attractive, rugged, easy to use and it comes with many valuable features that make operating more enjoyable. The large, illuminated display conceals a unique dual-port speaker that produces loud, clear audio. The SMA antenna, speaker/Mic and DC ports make it easy to connect to optional accessories. It contains 4 tone-bursts, 38 CTCSS tone encode/decode, Odd-offset, Busy-Channel-Lockout and Time-Out-Timer to enhance repeater-access and selective-calling worldwide. 100 memories, 1 quick call channel, a wide range of scan-modes including VFO/Memory and CTCSS with timed, busy or skip settings. Stand-By beep, pager function, auto-power off, battery saver and key-lock. Not enough ? How about experimental mosquito repelling tone, anti-theft alarm, and cable-clone features ?

"All right, but I need more TX power than 300..." who said it's a 300mW radio ? The DJ-S40T handles up to 1W out with an optional Ni-MH battery pack or an external DC supply. You already own another Alinco HT like DJ-F1, DJ-180, DJ-190 or DJ-196T ? Great, major accessories like speaker microphones and DC cables are perfectly compatible.

You don't always need a full-size 5W radio to enjoy the many benefits of 2way UHF QSO. To keep in touch with your Ham-friends through repeaters from the living room. Going to a ham-fest or a club meeting. To store a reliable back-up rig in your second car for emergency purposes. For easy, dependable communications, you need a Handi-Transceiver that has great FM sound, an array of user-selected features and high quality throughout. You will be amazed at the New Alinco DJ-S40T... for it's performances and an attractive Alinco price tag.



DJ-S40T

UHF FM Hand held Transceiver

Alinco has created a new UHF FM Hand held Transceiver that sets new standards in features, convenience and easy operation packed in a compact pager-size package. The DJ-S40T has an ergonomic design that's "user friendly" and capable of 1 watt output with optional Ni-MH battery pack. You'll be ready to travel the world with CTCSS encode/decode and European tone bursts, all included at no extra cost.

STANDARD FEATURES

- SMA rubber-duck antenna port
- 500mW output with dry cell case
- 38 CTCSS encode/decode tones and 4 European Tone Burst settings
- 13.8 VDC direct input and external Mic/Speaker ports
- S-meter
- Stand-by beep and Bell (pager) functions
- 100 memory + 1 Call channels with Cable-clone capability
- MARS capability
- VFO, Memory and Tone Scan with skip, busy, and timed mode
- Busy-Channel-Lock-Out and Time-Out-Timer
- External device control feature (outputs 3Vdc 5mA signal from an accessory port when squelch opens)
- Additional features, including anti-theft alarm and experimental mosquito repelling tone!

Standard Accessories



- EDH-31 Dry-cell case
- EA-0070A antenna
- EBC-18 Clip
- Strap



SPECIFICATIONS

General

Freq. RX default	400.000 to 511.995MHz
Freq. TX	430.00 to 449.995 MHz
Freq. Stability	+/- 5 ppm
Antenna Imp.	50 ohm unbalanced
Supply Voltage	DC 13.8V rated / DC 4.5 min to 16.0V max
Ground	Negative GND.
Current consumption	TX 1W 600mA approx. at 13.8V external source RX squelched stand-by 50mA approx. RX Battery saver ON 20mA approx.
Operating Temp. range	-10 to +60 °C (14 to 140°F)
Dimension w/o projection	56(W) x 102(H) x 30 (D)mm with dry cell case (2.2" x 4.0" X 1.2" inches)
Weight with antenna and an empty dry call case.	Approx. 110g (4.0oz)

Transmitter

Output power	1W at 13.8V or with EBP-53N battery-pack, 0.5W with dry cell case, Low=0.2W
Modulation	Variable reactance FM
Max. Deviation	+/- 5kHz
Spurious emission	less than -60db
Microphone Imp.	2k ohms approx.

Receiver

Circuit	Double superheterodyne
1st IF freq.	21.7Mhz
2nd IF freq.	450khz
Sensitivity	12dB SINAD better than -14dBμ (0.25μ V or better)
Selectivity	More than 6dB/12kHz, Less than -60dB/28kHz
Audio output power	200mW (8ohm 10%THD)
Audio impedance	8 ohms

OPTIONAL ACCESSORIES

- EBP-52N Ni-MH Battery Pack (3.6V 500mAh)
- EBP-53N Ni-MH Battery Pack (6.0V 500mAh)
- EBP-54N Ni-MH Battery Pack (3.6V 1500mAh)
- EDC-36 Cigarette Lighter Cable with Filter (DC12V)
- EDC-37 DC Cable for Base Station (DC12V)
- EDC-43 Cigar Lighter Cable for Recharging (DC12V)
- EDC-93 Battery Charger (Wall Charger) 110V
- EDC-94 Battery Charger (Wall Charger) 230V
- EDC-105 Drop-in Charger Basket (Trickle: EDC93/94 required)
- EDH-31 Dry-cell case
- EMS-9 Speaker Microphone
- EMS-47 Speaker Mic with volume control
- EME-6 Earphone
- EME-12 Head Set with VOX (Headphone Type)
- EME-13 Head Set with VOX (Inner Type)
- EME-15 Tie Pin Microphone with VOX
- EME-16 Earphone Microphone
- EME-17 Earphone Microphone
- EME-20 Earphone Microphone
- ESC-37 Softcase

Specifications subject to change without notice or obligation. Product intended for properly licenced operators. Permit required for MARS use.

Authorized Dealer:

Copy right 2002 Alinco Incorporated, Osaka, Japan. All rights reserved. Although Alinco has designed this brochure to be as comprehensive and accurate as possible, we reserve the right to make changes at any time to our equipment line, optional accessories, specifications, or availability of any such device we manufacture and distribute. Please note that certain products and accessories may not be available in all countries of distribution. Please consult your Authorized Alinco Dealer for product availability and pricing.

ALINCO, INC. Electronics Division

Shin Dai Bldg., 9F
1-2-6 Dojimahama, Kita-ku, Osaka 530-0004 Japan
Phone: 06-4797-2135 Fax: 06-4797-2135
E-mail: export@alinco.co.jp